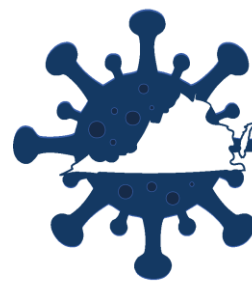

Virginia Respiratory Disease and Monkeypox Data Update

January 19, 2022



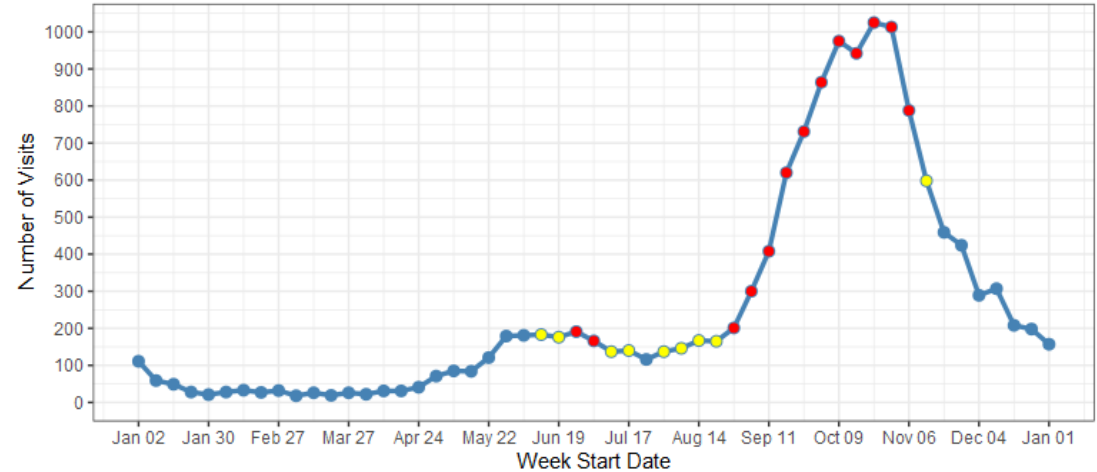
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

*Diagnosed Respiratory Syncytial Virus (RSV)

12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)	01/01 - 01/07 (MMWR Week 1)
201 visits	198 visits	157 (-21%)
Data is from the week of Jan. 1 – Jan. 7, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV
01/02/22 – 01/07/23



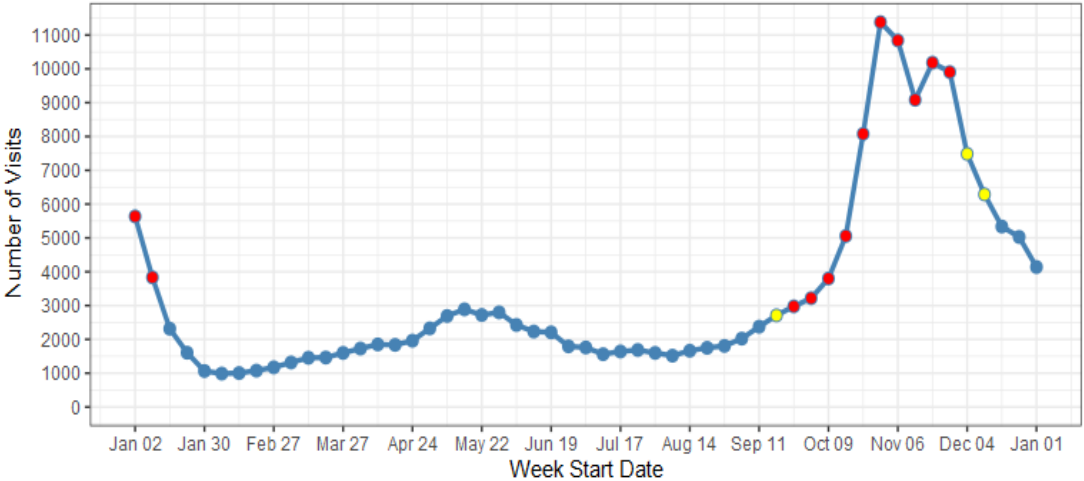
- Nationally, RSV hospitalization rates nationally decreased from 1.6 to 1.1 per 100k, during the week ending 01/07

Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

*Influenza-Like Illness (Excluding Diagnosed COVID-19)
ED and Urgent Care Visits

12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)	01/01 - 01/07 (MMWR Week 1)
5,338	5,028	4,139 (-18%)
Data is from the week of Jan. 1 – Jan. 7, 2023. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

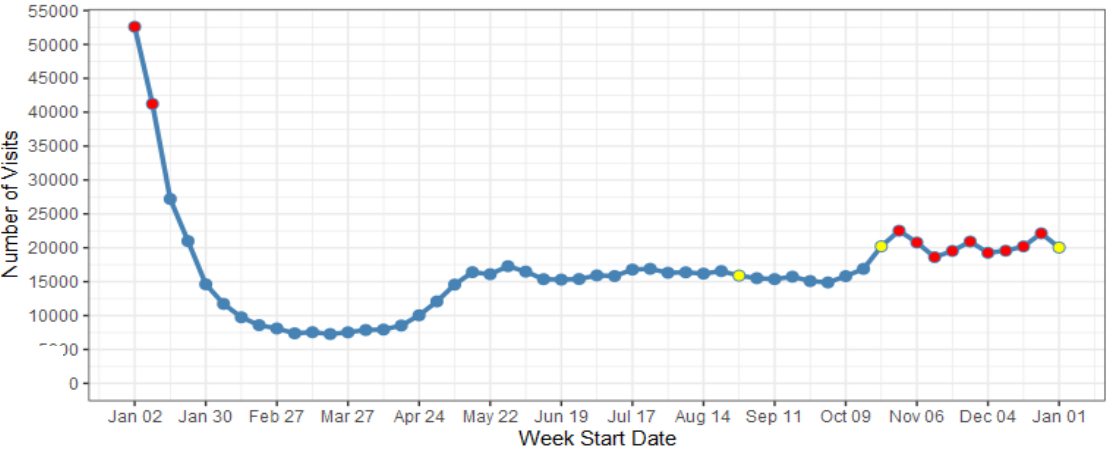
Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
01/02/22 – 01/07/23



- Virginia reported 4.4 % of all ED and urgent care visits were for ILI, during the week ending 01/07
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 12.4% of all visits

*COVID-Like Illness ED and Urgent Care Visits		
12/18 - 12/24 (MMWR Week 51)	12/25 - 12/31 (MMWR Week 52)	01/01 - 01/07 (MMWR Week 1)
19,465	22,126	20,035 (-9%)
Data is from the week of Jan. 1- Jan. 7, 2023. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.		

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 01/02/22 - 01/07/23

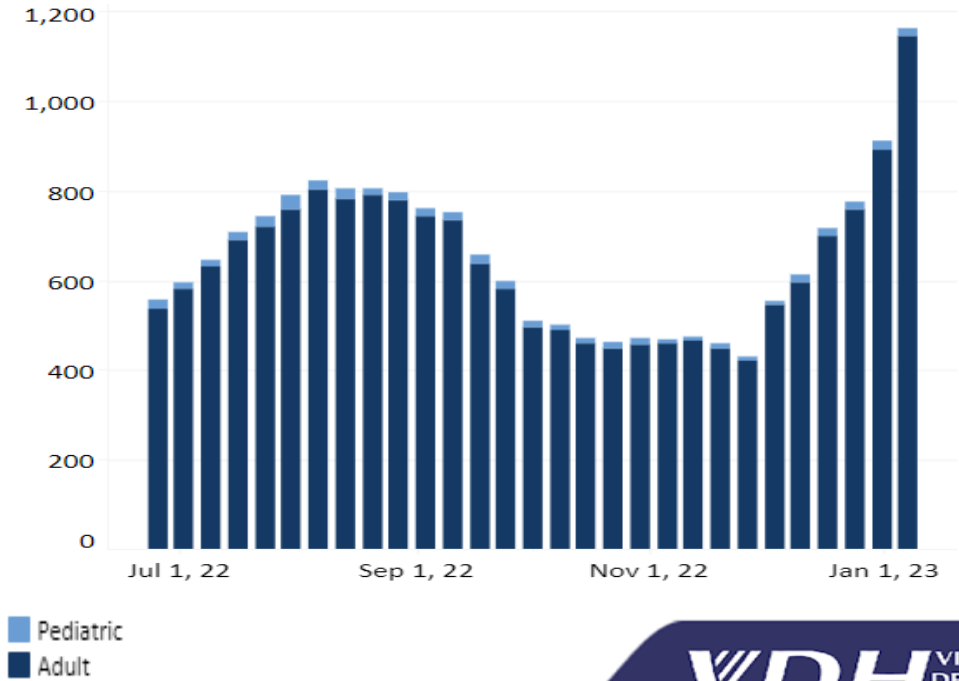


*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.
*Data comparisons: Wednesday-Wednesday

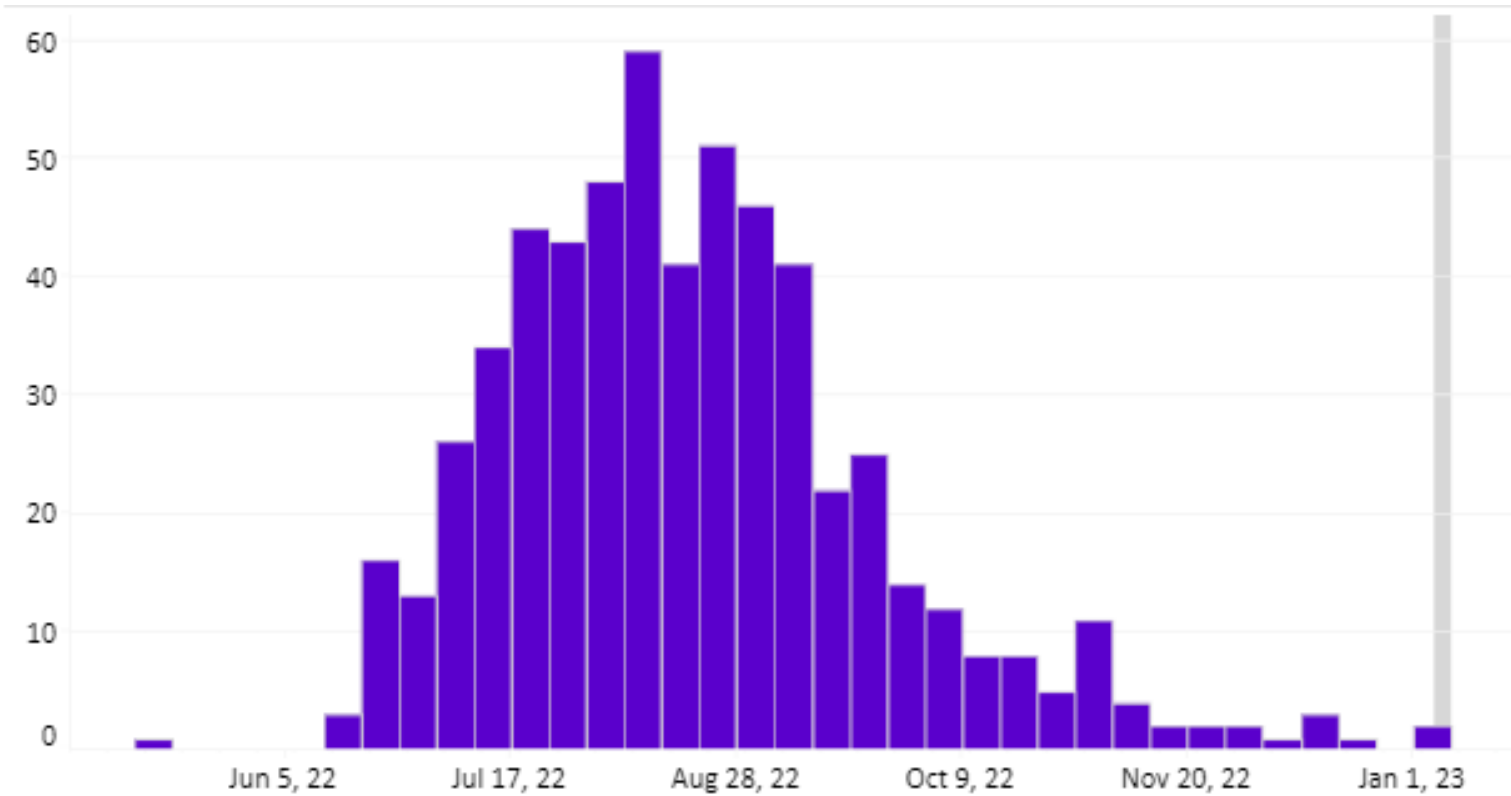
For the week ending Jan 7, 2023, MMWR week 1:
* Compared to last week:

- Weekly case rate **decreased 10%** at 148 per 100K
- Hospital Census Data shows an **increase of 28%** to 1163 average beds in use for COVID-19
- The number of deaths reported for this week is 14 (confirmed & probable)

COVID-19 Hospital Census Trends Virginia, July 2022 – January 2023

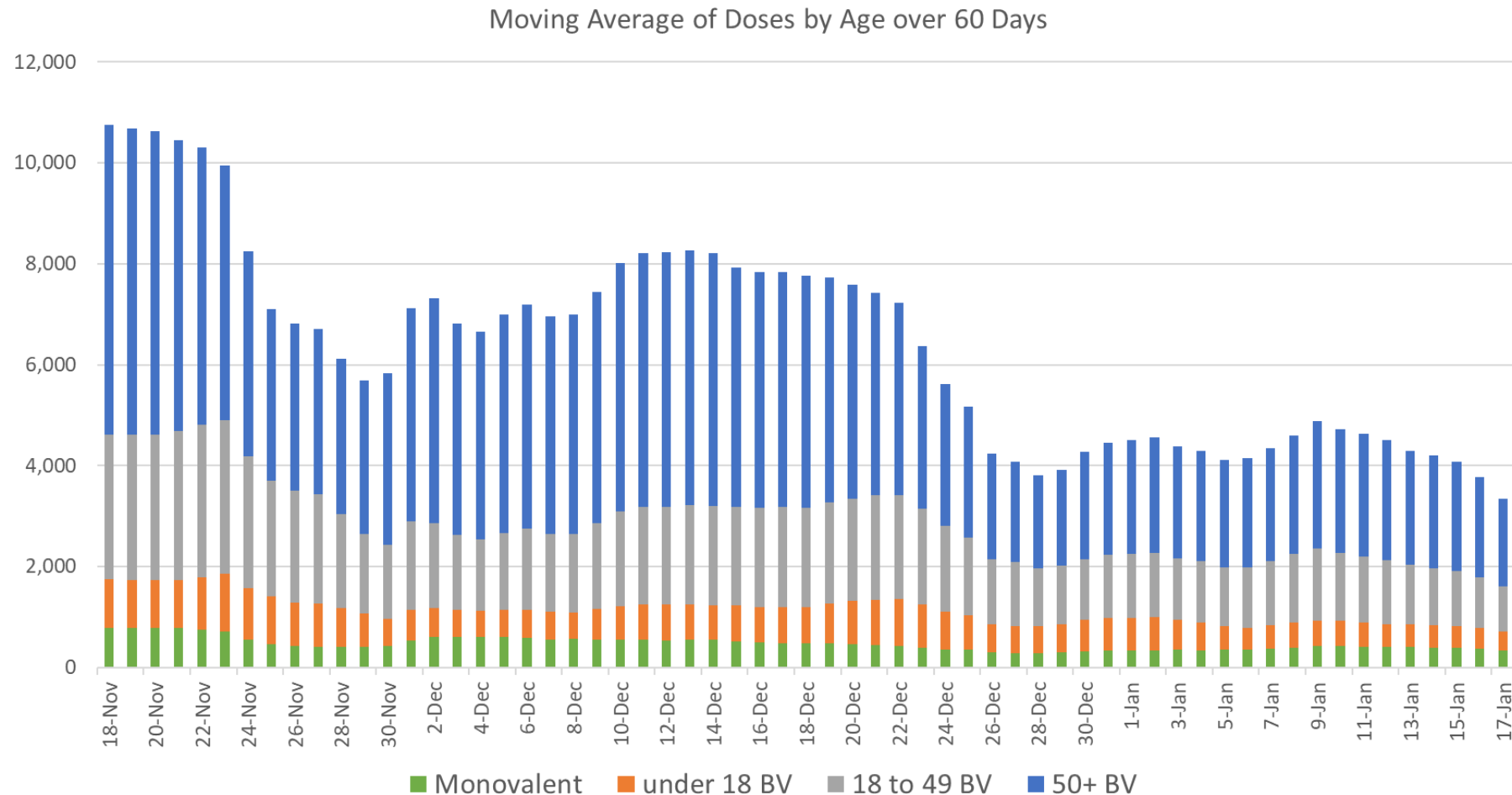


Epi Curve of Mpox Cases (5/2022 – 1/2023)



Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,388,960 Bivalent Covid-19 Vaccine Doses Administered so far
- 91.3% of doses have been Bivalent so far in January

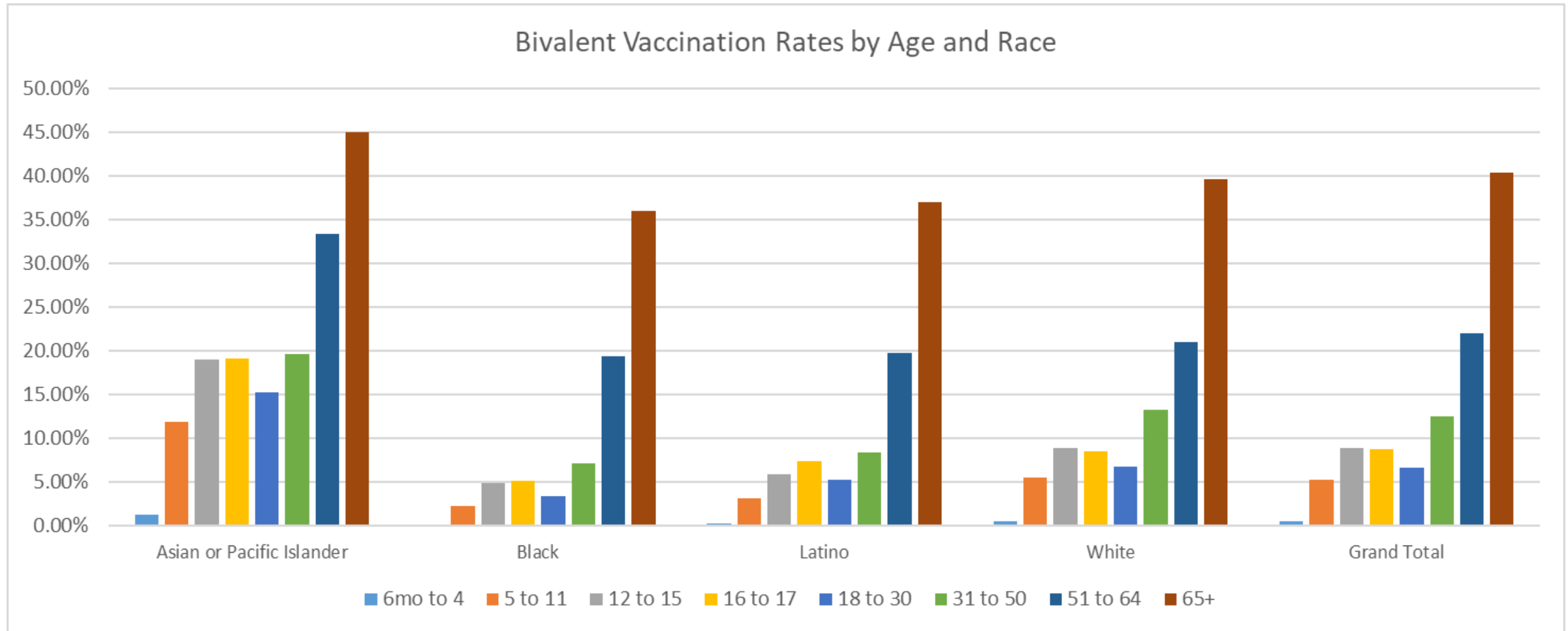


Federal doses not included in this number

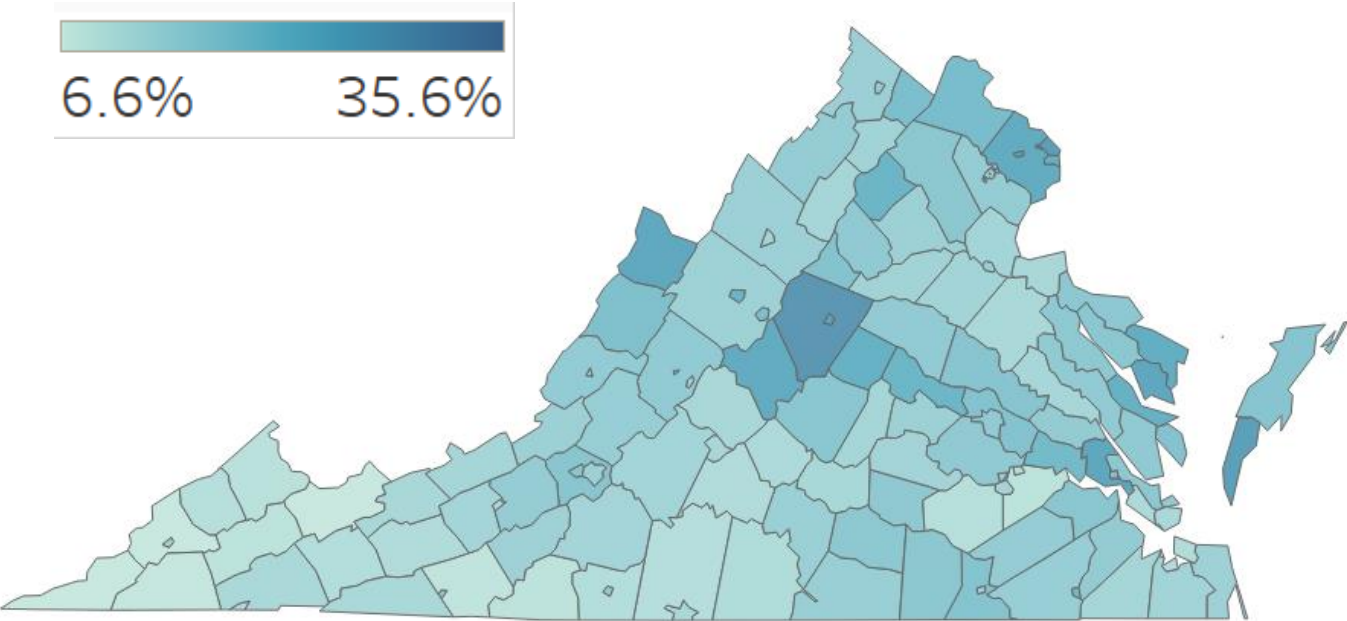
Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

- 40.4% of the total 65+ population has received a bivalent booster, outpacing 2nd booster uptake at a similar stage
- 41% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake



Percent of the Total Population with Bivalent Booster by Locality

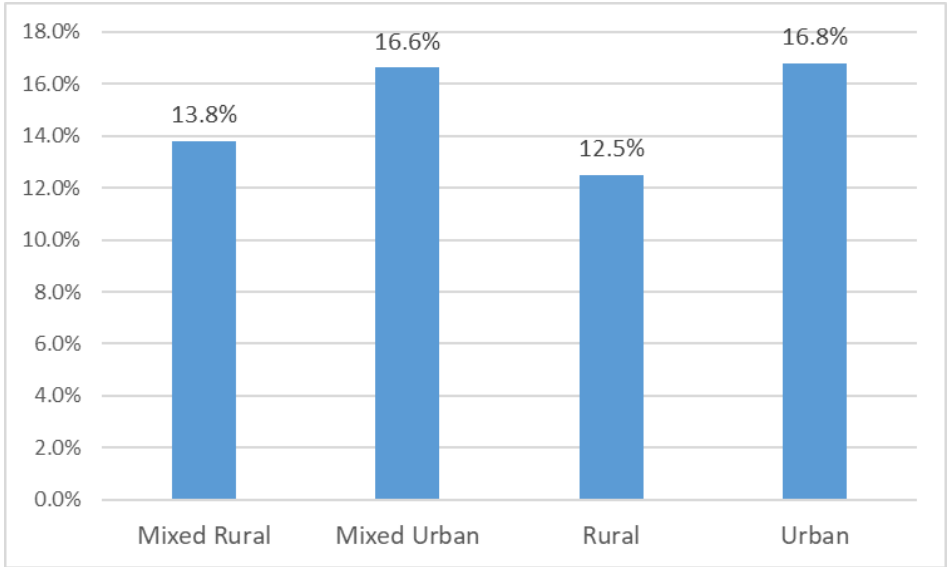


- 73.7% of the Total Population is Fully Vaccinated
- 16.3% of the Total Population has a Bivalent Booster
- 23.3% of the Eligible Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

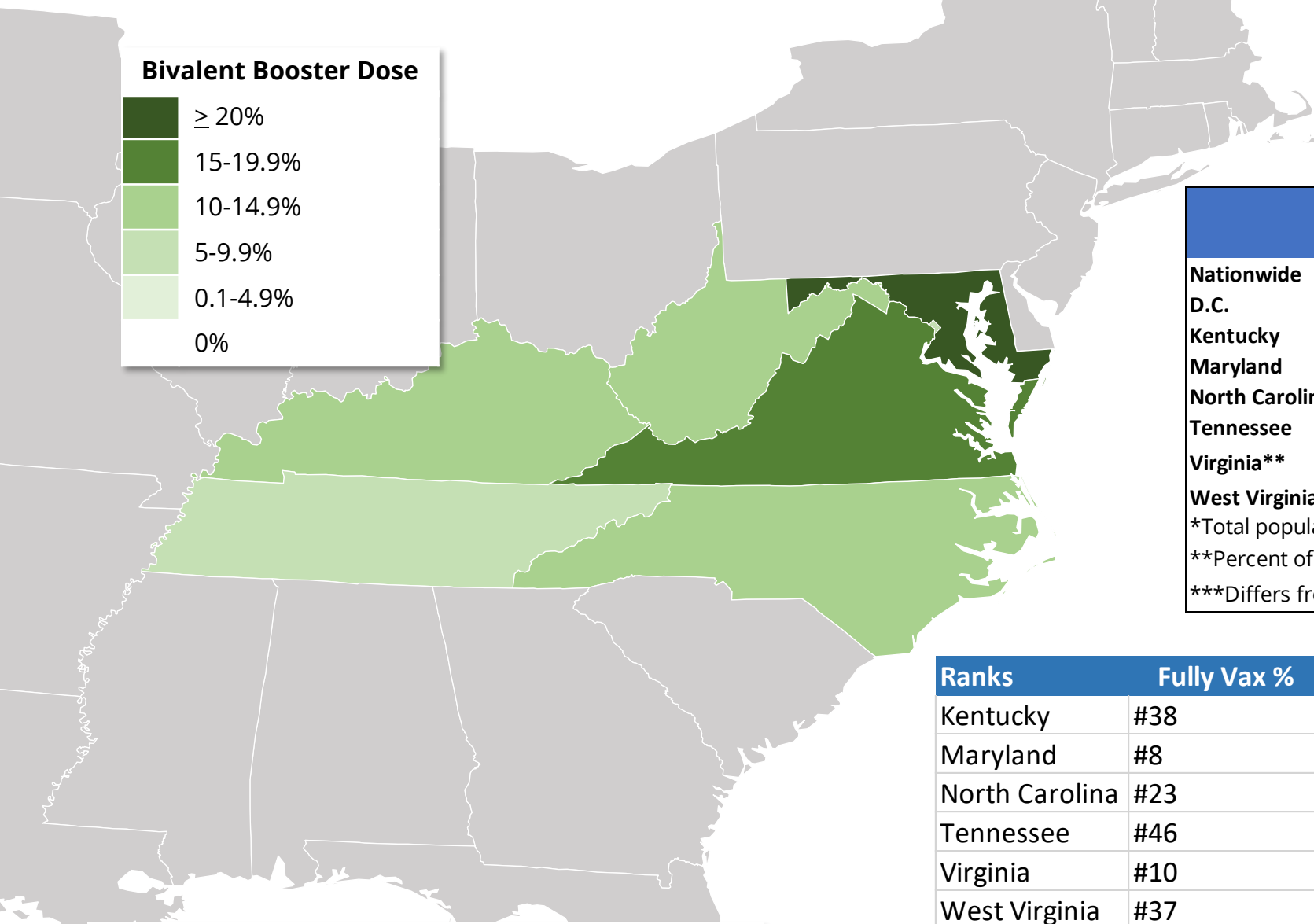
Health Region	Fully Vaccinated	Change
Central	64.7%	0.0%
Eastern	60.7%	0.0%
Northern	76.9%	0.0%
Northwest	62.4%	0.0%
Southwest	54.9%	0.0%

Bivalent Uptake by Urban / Rural



Federal doses not included in this number
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)

Virginia and Neighbors: Vaccination Rates



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	80.9%	69.1%	14.9%
D.C.	95.0%	89.9%	27.8%
Kentucky	68.7%	59.5%	11.3%
Maryland	91.5%	79.5%	21.8%
North Carolina	91.8%	66.9%	13.5%
Tennessee	64.3%	56.2%	9.2%
Virginia**	90.7%	76.4%	18.9%
West Virginia	67.4%	59.6%	10.6%

*Total population, includes out-of-state vaccinations
 **Percent of fully vaccinated people with a booster dose
 ***Differs from previous slide because all vaccination sources are included

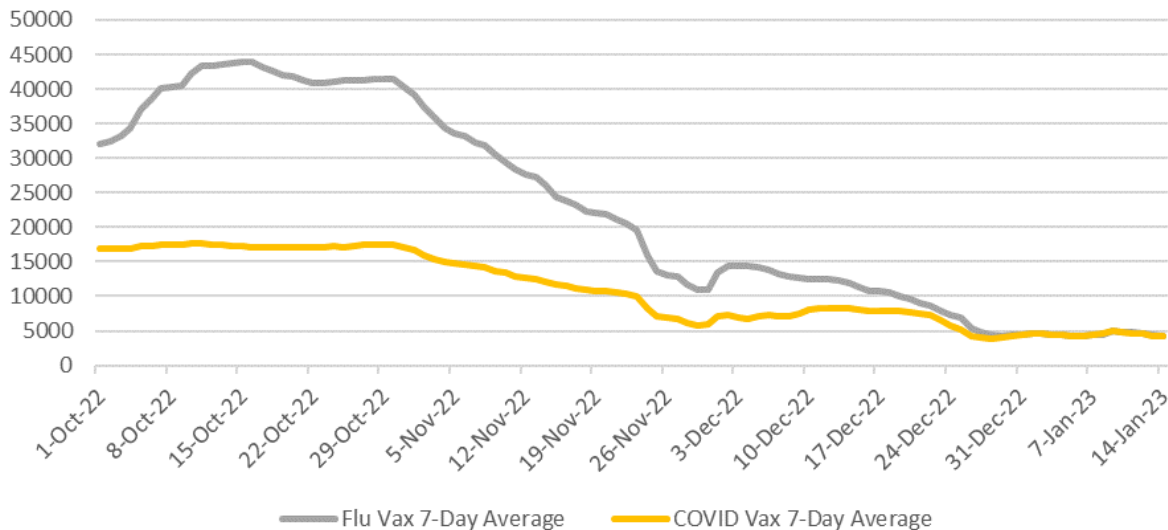
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#37	#40	#37
Maryland	#8	#6	#5	#8
North Carolina	#23	#27	#24	#31
Tennessee	#46	#41	#45	#46
Virginia	#10	#11	#7	#16
West Virginia	#37	#46	#46	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Virginia: Flu Vaccine Update

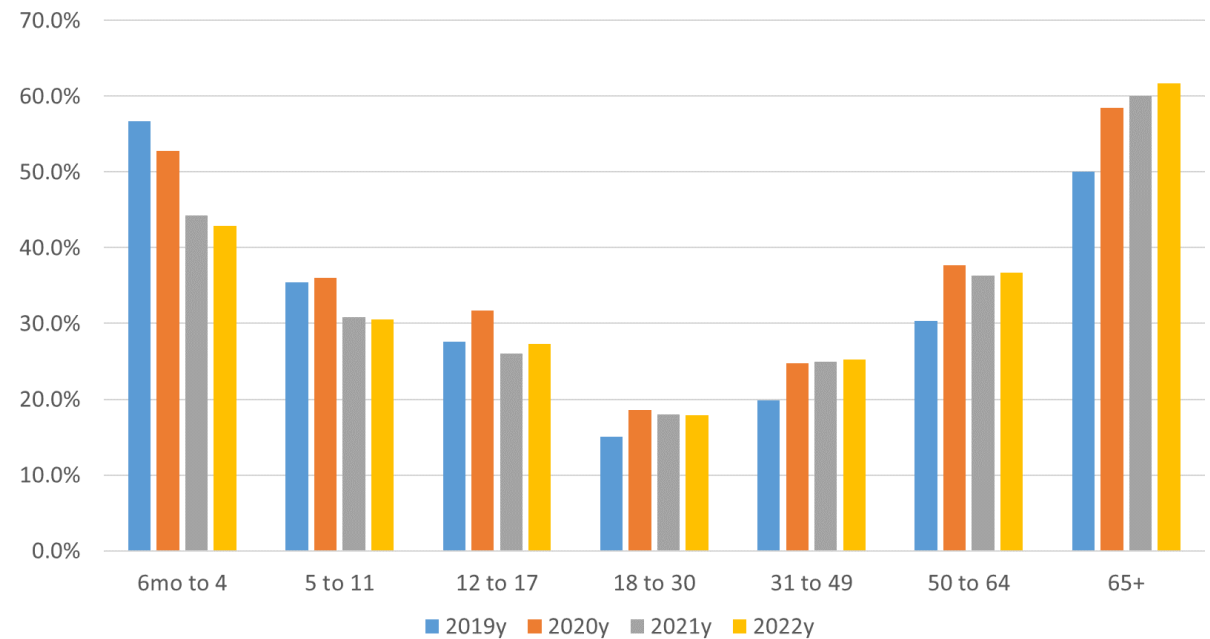
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since September 1st, with a noticeable decline over the Thanksgiving and Christmas holidays
- There have been 2.9 million Flu Vaccine doses administered (34% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.
- Children ages 0-11 are trailing previous years vaccination rates.

7-Day Average of Flu Vax vs Covid Vax



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

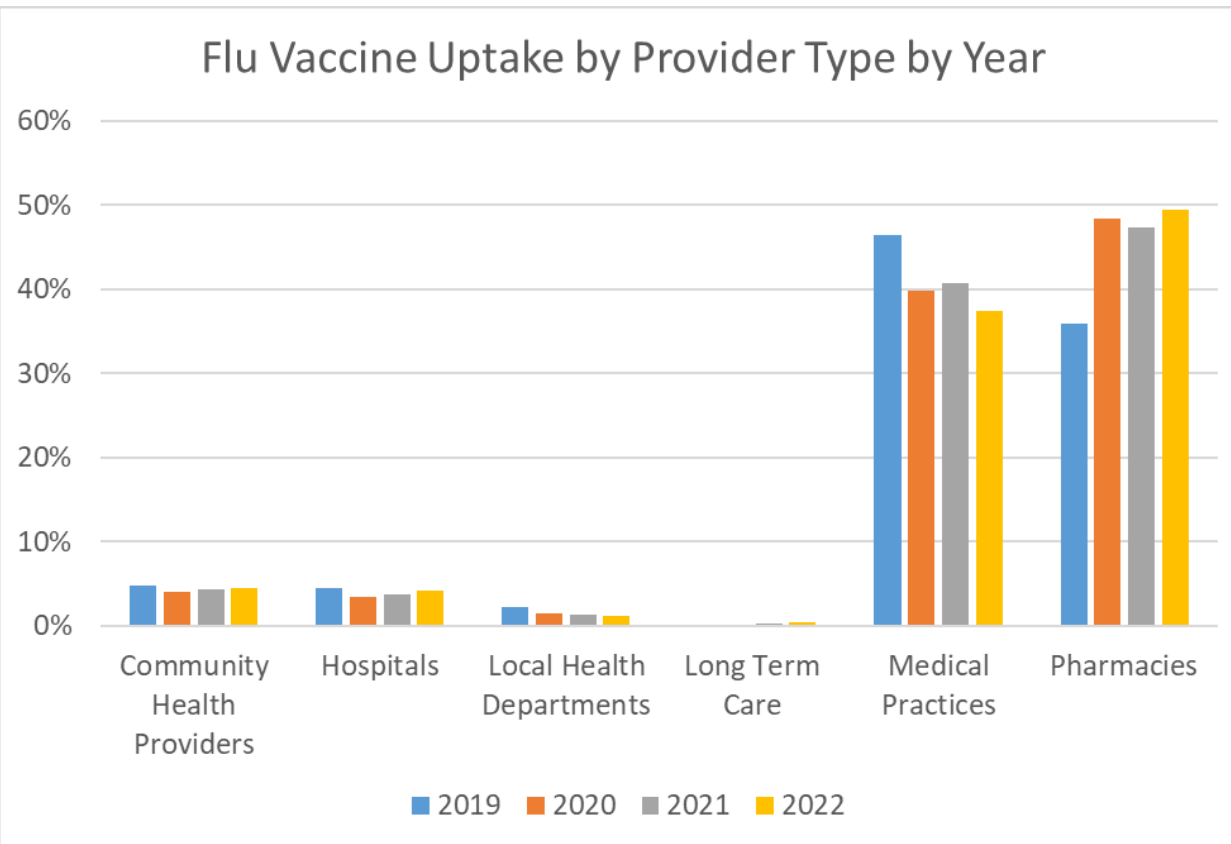
% of Population that Received a Flu Vaccine from July 1 to Jan. 14



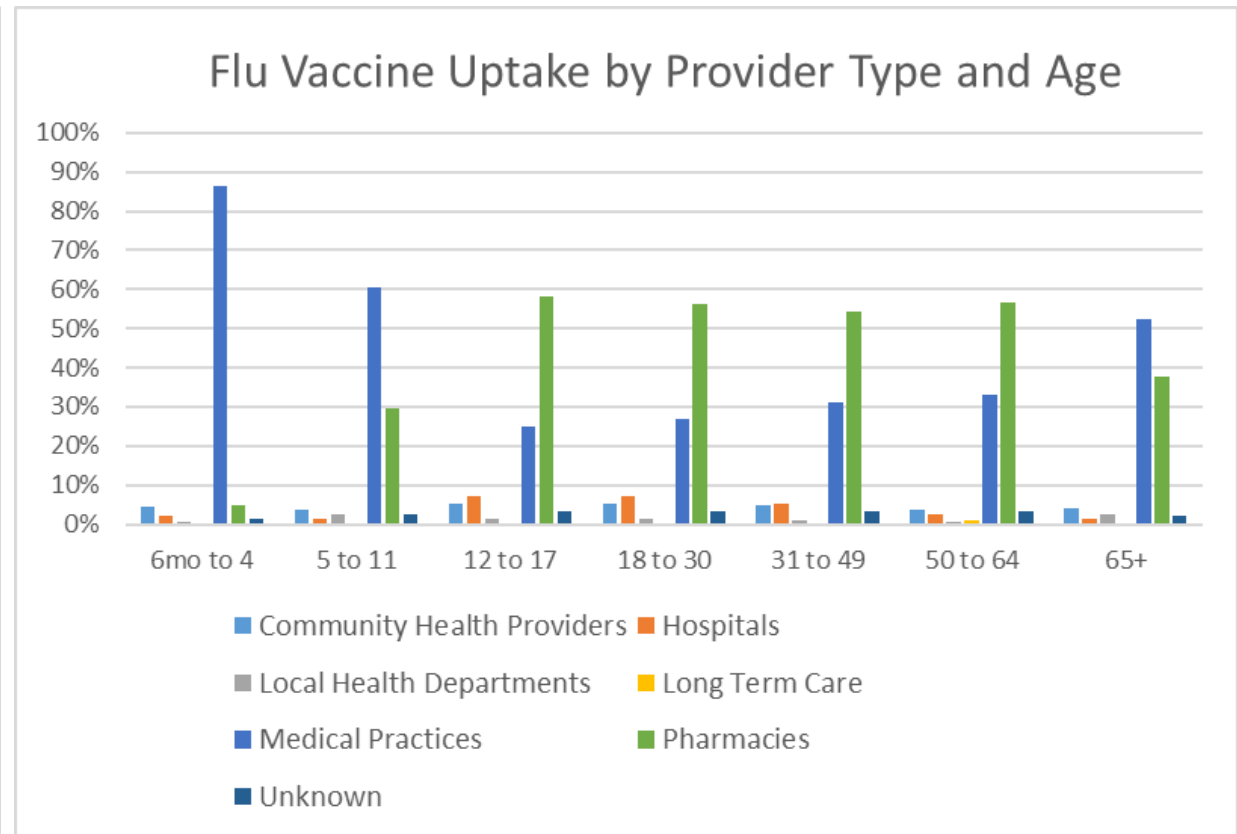
Virginia: Flu Vaccine Uptake by Provider Type

- Of the known data, pharmacies are administering a higher percent of vaccinations in recent years
- A vast majority of the Vaccinations in younger children are performed in Medical Practices

Flu Vaccine Uptake by Provider Type by Year



Flu Vaccine Uptake by Provider Type and Age



Virginia: JYNNEOS Administration Demographics

For Official Use Only

Updated 1/18/23

- Vaccinations have been slowing, with 103 doses administered last week out of the total 21,611 doses since July 1st.
- 89.5% of Vaccines Administered have been to Males
- 56.4% of Vaccines Administered have in the Northern Region
- The White Population accounts for 57.0% of Vaccinations by Race where data is available

